

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	"20030202137"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/08/26 15:34
S2	292	partide same surface same graft same hydrophob\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/08/26 16:41
S3	127	S2 and silica	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/08/26 16:53
S4	6178	polymeric same coupling same agent	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/08/26 17:06
S5	689	S4 same silica	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/08/26 17:06
S6	2294	(low near3 refractive near index) and roughness	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/08/27 10:15
S7	333	(low near3 refractive near index) same roughness	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/08/27 10:15
S8	270	(low near3 refractive near index) and rz	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/08/27 10:28
S9	35	(low near3 refractive near index) same rz	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/08/27 10:28
S10	1923	(low near3 refractive near index) and alkaline	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/08/27 13:06

S11	148	(low near3 refractive near index) same alkaline	US-PGPUB; USPAT; USOCR; EPO, JPO; DERWENT	OR	ON	2009/08/27 13:06
S12	69	((TOSHIO) near2 (YOSHIIHARA)).INV.	US-PGPUB; USPAT	OR	ON	2009/08/27 13:15
S13	20	((NORINAGA) near2 (NAKAMURA)).INV.	US-PGPUB; USPAT	OR	ON	2009/08/27 13:15
S14	39	((KOICHI) near2 (MIKAMI)).INV.	US-PGPUB; USPAT	OR	ON	2009/08/27 13:15
S15	3	((MIDORI) near2 (NAKAJO)).INV.	US-PGPUB; USPAT	OR	ON	2009/08/27 13:15
S16	14	((SEJI) near2 (SHINOHARA)).INV.	US-PGPUB; USPAT	OR	ON	2009/08/27 13:16
S17	126	S12 or S13 or S14 or S15 or S16	US-PGPUB; USPAT	OR	ON	2009/08/27 13:16
S18	65	S17 and (low near3 refractive)	US-PGPUB; USPAT	OR	ON	2009/08/27 13:17
S19	27	S17 and (low near3 refractive).clm.	US-PGPUB; USPAT	OR	ON	2009/08/27 13:17
S20	7	S19 and (silane or coupling or hydrophob\$5).clm.	US-PGPUB; USPAT	OR	ON	2009/08/27 13:22
S21	73	((TOSHIO) near2 (YOSHIIHARA)).INV.	US-PGPUB; USPAT	OR	ON	2010/06/01 10:48
S22	21	((NORINAGA) near2 (NAKAMURA)).INV.	US-PGPUB; USPAT	OR	ON	2010/06/01 10:48
S23	44	((KOICHI) near2 (MIKAMI)).INV.	US-PGPUB; USPAT	OR	ON	2010/06/01 10:48
S24	3	((MIDORI) near2 (NAKAJO)).INV.	US-PGPUB; USPAT	OR	ON	2010/06/01 10:48
S25	16	((SEJI) near2 (SHINOHARA)).INV.	US-PGPUB; USPAT	OR	ON	2010/06/01 10:48
S26	137	S21 or S22 or S23 or S24 or S25	US-PGPUB; USPAT	OR	ON	2010/06/01 10:48
S27	32	S26 and (low near3 refractive).clm.	US-PGPUB; USPAT	OR	ON	2010/06/01 10:48
S28	7	S27 and (silane or coupling or hydrophob\$5).clm.	US-PGPUB; USPAT	OR	ON	2010/06/01 10:48
S29	363	(low near3 refractive near index) same roughness	US-PGPUB; USPAT; USOCR; EPO, JPO; DERWENT	OR	ON	2010/06/01 13:32
S30	38	(low near3 refractive near index) same rz	US-PGPUB; USPAT; USOCR; EPO, JPO; DERWENT	OR	ON	2010/06/01 13:32
S31	368	S29 or S30	US-PGPUB; USPAT; USOCR; EPO, JPO; DERWENT	OR	ON	2010/06/01 13:32
S32	74	S31 and (silica same (hollow or void))	US-PGPUB; USPAT;	OR	ON	2010/06/01 13:33

			USOCR; EPO; JPO; DERWENT			
S33	103724	"30" near3 nm	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2011/02/07 12:07
S34	16398	S33 and refractive	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2011/02/07 12:08
S35	6498	S34 and (reflective or antireflective)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2011/02/07 12:10
S36	2173	S35 and coupling	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2011/02/07 12:10
S37	3532	S33 and (low near3 refractive)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2011/02/07 12:11
S38	1613	S37 and (reflective or antireflective)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2011/02/07 12:11
S39	671	S38 and coupling	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2011/02/07 12:12
S40	221127	(difunctional or multifunctional or ((multi or di or tri or hexa) near3 (functional or acrylate or methacrylate)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2011/02/07 14:57
S41	2586	S40 and (low near3 refractive)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2011/02/07 14:57
S42	303	S40 same (low near3 refractive)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2011/02/07 14:57
S43	179040	(multifunctional or ((multi or tri or hexa) near3 (functional or acrylate or methacrylate)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2011/02/07 14:58
S44	2137	S43 and (low near3 refractive)	US-PGPUB; USPAT;	OR	ON	2011/02/07 14:58

			USOCR; EPO; JPO; DERWENT			
S45	215	S43 same (low near3 refractive)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2011/02/07 14:59
S46	273	(three near3 functional) same (ionizing or UV or EB)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2011/02/07 15:42
S47	578	(three near3 functional) and ionizing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2011/02/07 16:09
S48	482	S47 not S46	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2011/02/07 16:09
S49	52	S48 and (low near3 refractive)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2011/02/07 16:10
S50	80	((TOSHIO) near2 (YOSHIHARA)).INV.	US-PGPUB; USPAT	OR	ON	2011/02/07 17:04
S51	23	((NORINAGA) near2 (NAKAMURA)).INV.	US-PGPUB; USPAT	OR	ON	2011/02/07 17:04
S52	48	((KOICHI) near2 (MIKAMI)).INV.	US-PGPUB; USPAT	OR	ON	2011/02/07 17:04
S53	3	((MIDORI) near2 (NAKAJO)).INV.	US-PGPUB; USPAT	OR	ON	2011/02/07 17:04
S54	17	((SEJI) near2 (SHINOHARA)).INV.	US-PGPUB; USPAT	OR	ON	2011/02/07 17:04
S55	151	S50 or S51 or S52 or S53 or S54	US-PGPUB; USPAT	OR	ON	2011/02/07 17:04
S56	37	S55 and (low near3 refractive).clm.	US-PGPUB; USPAT	OR	ON	2011/02/07 17:04
S57	10	S56 and (silane or coupling or hydrophob\$5).clm.	US-PGPUB; USPAT	OR	ON	2011/02/07 17:04
S58	357	particle same surface same graft same hydrophob\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2011/07/18 09:46
S59	161	S58 and silica	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2011/07/18 09:46
S60	87	(low same refractive) and (graft same hydrophob\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO;	OR	ON	2011/07/18 10:04

			DERWENT			
S61	5	"2005038137"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2011/07/18 10:28
S62	3	"20050038137"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2011/07/18 10:28
S63	3	"20060269724"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2011/07/18 12:13
S64	276	(low same refractive) and ra and rz	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2011/07/18 17:29
S65	80	((TOSHIO) near2 (YOSHIIHARA)).INV.	US-PGPUB; USPAT	OR	ON	2011/07/19 08:56
S66	24	((NORINAGA) near2 (NAKAMURA)).INV.	US-PGPUB; USPAT	OR	ON	2011/07/19 08:56
S67	51	((KOICHI) near2 (MIKAMI)).INV.	US-PGPUB; USPAT	OR	ON	2011/07/19 08:56
S68	3	((MIDORI) near2 (NAKAJO)).INV.	US-PGPUB; USPAT	OR	ON	2011/07/19 08:56
S69	17	((SEJI) near2 (SHINOHARA)).INV.	US-PGPUB; USPAT	OR	ON	2011/07/19 08:56
S70	155	S65 or S66 or S67 or S68 or S69	US-PGPUB; USPAT	OR	ON	2011/07/19 08:56
S71	38	S70 and (low near3 refractive).dm.	US-PGPUB; USPAT	OR	ON	2011/07/19 08:56
S72	10	S71 and (silane or coupling or hydrophob\$5).dm.	US-PGPUB; USPAT	OR	ON	2011/07/19 08:56
S73	80	((TOSHIO) near2 (YOSHIIHARA)).INV.	US-PGPUB; USPAT	OR	ON	2011/07/25 09:33
S74	245	(silane or siloxane) same (endcap or endcapped or (end near3 (cap or capped))) same hydroxyl	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2012/03/21 08:08
S76	115	S74 and silica	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2012/03/21 08:30
S77	15	S74 same silica	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2012/03/21 08:30
S78	7	(toagosei or (toa near3 gosei)) and (HK20 or (HK near3 "20"))	US-PGPUB; USPAT; USOCR; EPO; JPO;	OR	ON	2012/03/21 08:35

			DERWENT			
S79	414	(dihydroxy or dihydroxyl) near3 (silane or silicone or siloxane) or dihydroxysilicone or dihydroxysiloxane	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2012/03/21 08:39
S80	614	(dihydroxy or dihydroxyl) near3 (silane or silicone or siloxane or polydimethylsiloxane) or dihydroxysilicone or dihydroxysiloxane	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2012/03/21 08:59
S81	200	S80 not S79	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2012/03/21 08:59
S82	80	S81 and silica	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2012/03/21 09:00
S83	494	POLYDI METHYLSILOXANE near3 HYDROXY near3 TERMINATED	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2012/03/21 09:24
S84	269	S83 and silica	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2012/03/21 09:24
S85	447838	hydrophob\$7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2012/03/21 09:25
S86	134	S84 and S85	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2012/03/21 09:25
S87	85	((TOSHIO) near2 (YOSHIHARA)).INV.	US-PGPUB; USPAT	OR	ON	2012/03/21 10:21
S88	25	((NORINAGA) near2 (NAKAMURA)).INV.	US-PGPUB; USPAT	OR	ON	2012/03/21 10:21
S89	56	((KOICHI) near2 (MIKAMI)).INV.	US-PGPUB; USPAT	OR	ON	2012/03/21 10:21
S90	3	((MIDORI) near2 (NAKAJO)).INV.	US-PGPUB; USPAT	OR	ON	2012/03/21 10:21
S91	18	((SEIJI) near2 (SHINOHARA)).INV.	US-PGPUB; USPAT	OR	ON	2012/03/21 10:21
S92	166	S87 or S88 or S89 or S90 or S91	US-PGPUB; USPAT	OR	ON	2012/03/21 10:21
S93	40	S92 and (low near3 refractive).cm.	US-PGPUB; USPAT	OR	ON	2012/03/21 10:21
S95	48	S92 and S85	US-PGPUB; USPAT	OR	ON	2012/03/21 10:29
S96	232	S80 and silica	US-PGPUB;	OR	OFF	2012/03/21

			USPAT; USOCR; EPO; JPO; DERWENT			10:40
S97	20004	S85 near3 silica	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2012/03/21 10:58
S98	16	S97 and S80	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2012/03/21 10:59
S99	40	("2829981"   "2993809"   "4013574" "4015031"   "4030940"   "4151154" "4724167"   "4756971"   "4844980" "4847159"   "4895914").PN. OR ("5013585").URFN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/03/21 11:34
S100	1221	S97 and (dimethylsiloxane or (dimethyl near3 siloxane))	US-PGPUB; USPAT; USOCR	OR	OFF	2012/03/21 13:16
S101	237	S97 same (dimethylsiloxane or (dimethyl near3 siloxane))	US-PGPUB; USPAT; USOCR	OR	OFF	2012/03/21 13:16
S102	2	"20080138606"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2012/03/21 16:43
S103	447838	hydrophob\$7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2012/03/21 18:56
S104	20004	S103 near3 silica	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2012/03/21 18:56
S105	178	S104 and (low near3 refractive)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2012/03/21 18:56
S106	5554	S103 near3 (inorganic or (metal near3 oxide))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2012/03/21 19:11
S107	74	S106 and (low near3 refractive)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2012/03/21 19:11

3/21/2012 10:21:15 PM

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